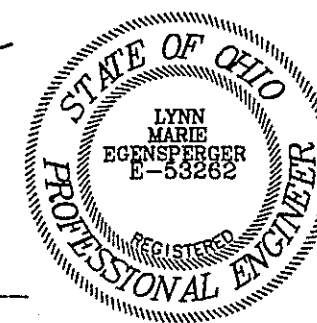


The diagram illustrates a stormwater diversion structure. The **PLAN VIEW** shows a rectangular structure 55 ft long. A 10 ft. minimum wide inlet on the left is labeled "10 ft. Minimum and Not Less Than Width of Ingress/Egress". A 3 ft. wide outlet on the right is labeled "3 ft." and "Stormwater". The structure is "Approved as JAMES County D.S. 5." and is situated on a "Road or Other Existing Paved Surface". A "Right of Way Diversion as Needed" is indicated. The **PROFILE** view shows the structure's cross-section, featuring "Geotextile fabric" on the sides and a "18\" or Sufficient to Divert Runoff" depth. The structure is supported by "Culvert as Needed" and is labeled "By".

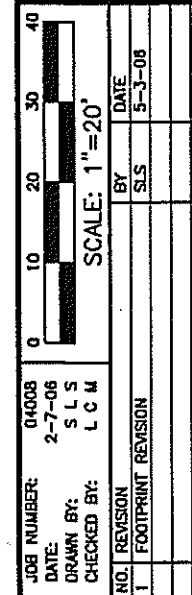
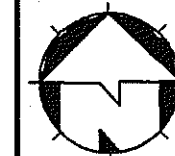
| CURVE | RADIUS  | ARC LENGTH | CHORD LENGTH | CHORD BEARING | DELTA ANGLE |
|-------|---------|------------|--------------|---------------|-------------|
| C1    | 150.00' | 239.42'    | 214.80'      | S 44°54'51" W | 91°27'07"   |
| C2    | 180.00' | 9.39'      | 9.39'        | S 71°02'47" W | 02°59'24"   |
| C3    | 30.00'  | 27.20'     | 26.28'       | S 84°28'32" E | 51°56'46"   |
| C4    | 60.00'  | 26.50'     | 26.29'       | N 71°09'20" W | 25°18'23"   |

**APPROVED**  
Painesville Township  
Zoning Department

*Lynn M. Egensperger*  
LYNN M. EGENSPPERGER P.E. # 53262



1. BENCHMARK - EX. HYDRANT, TOP OF FLANGE  
ELEVATION = 632.06  
NEAR LAKE TERRACE/BEACHFRONT DR. INTERSECTION
2. SIDEWALK TO BE 4' WIDE, 4" THICK AND 6" THICK  
AT DRIVES.
3. DRIVEWAY APRON TO BE 6" THICK CONCRETE.
4. ALL DOWN SPOUTS TO BE OUTLETED TO SPLASH  
BLOCKS.
5. CONTRACTOR RESPONSIBLE FOR CONTACTING THE OHIO  
UTILITY PROTECTION SERVICE 1 (800) 362-2764 AND  
ALL UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR  
TO CONSTRUCTION.
6. THE LOCATION BOTH HORIZONTAL AND VERTICAL OF  
EXISTING UNDERGROUND UTILITIES SHOWN HEREON, HAVE  
BEEN OBTAINED BY A DILIGENT AND COMPREHENSIVE  
SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD  
OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL,  
HOWEVER, OXBOW ENGINEERING, INC. DOES NOT GUARANTEE  
THE COMPLETENESS, NOR ACCURACY THEREOF.
7. CONTRACTOR SHALL VERIFY ELEVATIONS OF LATERAL  
INVERTS IN THE FIELD PRIOR TO FOUNDATION EXCAVATION.
8. EROSION AND SEDIMENT-CONTROL PRACTICES TO BE  
INSTALLED AS DESCRIBED IN THE RAIN WATER LAND  
DEVELOPMENT MANUAL AS DIRECTED BY THE LAKE  
COUNTY SOIL AND WATER CONSERVATION DISTRICT.
9. DISTURBED AREAS OF THE SITE THAT ARE TO REMAIN  
IDLE FOR MORE THAN THIRTY (30) DAYS SHALL BE  
PROPERLY SEEDED AND STRAW MULCHED WITHIN SEVEN  
(7) DAYS OF COMPLETION OF INITIAL GRADING. TEMPORARY  
SEEDING AND MULCHING OF A THIRTY (30) FOOT STRIP  
OF THE ENTIRE FRONT OF THE LOT SHALL BE MAINTAINED  
ON THE SITE ONCE INITIAL GRADING IS COMPLETE.
10. STRAW-MULCH SHALL BE APPLIED AT A RATE OF 1  
BALE PER EVERY TEN (10) FEET OF CURB, AT A WIDTH  
OF THIRTY (30) FEET OF THE ENTIRE LENGTH OF THE LOT.



**Engin**

**SITE PLAN**  
**LAKE TERRACE ESTATES NO. 3**  
**SUBLOT 28**